

GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: January 13, 2003, 15:31:05 ; Search time 9.80986 Seconds
(without alignments)
596.865 Million cell updates/sec

Title: US-09-728-911-35

Perfect score: 1103

Sequence: 1 MWPPENVRNMSVNFKNILQ.....NKAGWSEPVCEQTHDETV 199

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

1: /cgn2_6/prodata/1/1aa/5A.COMB.pep:*
2: /cgn2_6/prodata/1/1aa/5B.COMB.pep:*
3: /cgn2_6/prodata/1/1aa/6A.COMB.pep:*
4: /cgn2_6/prodata/1/1aa/6B.COMB.pep:*
5: /cgn2_6/prodata/1/1aa/PCUTUS.COMB.pep:*
6: /cgn2_6/prodata/1/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1103	100.0	325	2	US-08-683-743-4
2	1087	98.5	233	4	US-08-871-572B-8
3	235.5	21.4	221	2	US-08-943-087-58
4	229.5	20.8	221	2	US-08-943-087-50
5	229.5	20.8	553	2	US-08-943-087-2
6	229.5	20.8	553	2	US-08-943-087-14
7	229.5	20.8	553	2	US-08-943-087-16
8	229.5	20.8	553	2	US-08-943-087-18
9	229.5	20.8	553	2	US-08-943-087-20
10	229.5	20.8	553	2	US-08-943-087-22
11	229.5	20.8	553	2	US-08-943-087-24
12	229.5	20.8	553	2	US-08-943-087-26
13	229.5	20.8	553	2	US-08-943-087-28
14	229.5	20.8	553	2	US-08-943-087-30
15	229.5	20.8	553	2	US-08-943-087-32
16	229.5	20.8	553	2	US-08-943-087-34
17	229.5	20.8	553	2	US-08-943-087-36
18	229.5	20.8	553	2	US-08-943-087-38
19	229.5	20.8	553	2	US-08-943-087-40
20	229.5	20.8	553	2	US-08-943-087-42
21	229.5	20.8	553	2	US-08-943-087-44
22	229.5	20.8	553	2	US-08-943-087-46
23	229.5	20.8	553	2	US-08-943-087-48
24	227.5	20.6	221	2	US-08-943-087-52
25	227.5	20.6	221	2	US-08-943-087-54
26	226.5	20.6	221	2	US-08-943-087-60
27	223.5	20.3	221	2	US-08-943-087-56

28	219.5	19.9	224	4	US-08-871-572B-11	Sequence 11, Appl
29	217	19.7	227	4	US-08-871-572B-14	Sequence 14, Appl
30	214	19.4	224	4	US-08-871-572B-9	Sequence 9, Appl
31	214	19.4	434	1	US-08-328-256-11	Sequence 11, Appl
32	214	19.4	436	2	US-08-307-568-2	Sequence 2, Appl
33	214	19.4	496	1	US-08-328-256-12	Sequence 12, Appl
34	214	19.4	557	1	US-08-328-256-10	Sequence 10, Appl
35	214	19.4	557	1	US-08-471-454-2	Sequence 2, Appl
36	214	19.4	557	2	US-08-466-974-2	Sequence 2, Appl
37	214	19.4	557	2	US-08-471-453-2	Sequence 2, Appl
38	214	19.4	557	2	US-08-307-568-4	Sequence 4, Appl
39	210.5	19.1	202	5	PCT-US94-14277-3	Sequence 3, Appl
40	210.5	19.1	226	4	US-08-871-572B-10	Sequence 10, Appl
41	208.5	18.9	224	4	US-08-871-572B-13	Sequence 13, Appl
42	175	15.9	258	4	US-08-871-572B-5	Sequence 5, Appl
43	175	15.9	337	4	US-08-871-572B-1	Sequence 1, Appl
44	175	15.9	337	4	US-08-871-572B-4	Sequence 4, Appl
45	173	15.7	337	5	PCT-US94-14277-8	Sequence 8, Appl

ALIGNMENTS

RESULT 1
US-08-683-743-4
; Sequence 4, Application US/08683743
; Patent No. 5843697
; GENERAL INFORMATION:
; APPLICANT: Pestka, Sidney
; APPLICANT: Kotenko, Sergei
; TITLE OF INVENTION: CYTOKINE RECEPTOR SIGNAL TRANSDUCTION
; NUMBER OF SEQUENCES: 25
; CHAIN
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: David A. Jackson, Esq.
; STREET: 411 Hackensack Ave, Continental Plaza, 4th
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/683,743
; FILING DATE: 17-JUL-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 601-1-050
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-487-5800
; TELEFAX: 201-343-1684
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 325 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHEICAL: NO
; FRAGMENT TYPE:
; US-08-683-743-4

Query Match 100.0%; Score 1103; DB 2; Length 325;
Best Local Similarity 100.0%; Pred. No. 4.3e-110;
Matches 199; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MWPPENVRNMSVNFKNILQWESPAKGNLFTTRQYLSYRIFODKCMNTTTECFSSL 60

Db 20 MYPPEVNRMSVNFKNILQWESPAFAKGNLTFTAQYLSYRIFQDKCNTTLTCDSSSL 79
Qy 61 SKYGDHTLRVRAEFADEHSDWYNITFCPVDDTIIGPPGMQVEVLADSLHMRFLAPKIE 120
Db 80 SKYGDHTLRVRAEFADEHSDWYNITFCPVDDTIIGPPGMQVEVLADSLHMRFLAPKIE 139
Qy 121 YETWTMKNVNSWTYNVQYWKNGTDEKFOITPOYDFEVLRLNLEPWTTCVQVGRFLPDRN 180
Db 140 YETWTMKNVNSWTYNVQYWKNGTDEKFOITPOYDFEVLRLNLEPWTTCVQVGRFLPDRN 199
Qy 181 KAGWSEPVCEQTHDETV 199
Db 200 KAGWSEPVCEQTHDETV 218

RESULT 2

US-08-871-572B-8
; Sequence 8, Application US/08871572B
; Patent No. 6287853
; GENERAL INFORMATION:
; APPLICANT: Pestka, Sidney
; APPLICANT: Kotenko, Serguei
; APPLICANT: Soh, Jaemog
; APPLICANT: Donnelly, Robert
; APPLICANT: Mariano, Thomas
; APPLICANT: Cook, Jeffrey
; APPLICANT: Emmanuel, Stuart
; APPLICANT: Schwartz, Barbara
; TITLE OF INVENTION: Accessory Factor for Interferon Gamma
; TITLE OF INVENTION: and its Receptor
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Richard R. Muccino
; STREET: 758 Springfield Avenue
; CITY: Summit
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07901
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/871.572B
; FILING DATE: 9-JUNE-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Muccino, Richard R.
; REGISTRATION NUMBER: 32,538
; REFERENCE/DOCKET NUMBER: UMD1-011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 273-4988
; TELEFAX: (908) 273-4679
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 233 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-871-572B-8

Query Match 98.5%; Score 1087; DB 4; Length. 233;
Best Local Similarity 99.0%; Pred. No. 1.4e-108;
Matches 197; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1 MYPPEVNRMSVNFKNILQWESPAFAKGNLTFTAQYLSYRIFQDKCNTTLTCDSSSL 60
Db 20 MYPPEVNRMSVNFKNILQWESPAFAKGNLTFTAQYLSYRIFQDKCNTTLTCDSSSL 79

Qy 61 SKYGDHTLRVRAEFADEHSDWYNITFCPVDDTIIGPPGMQVEVLADSLHMRFLAPKIE 120
Db 80 SKYGDHTLRVRAEFADEHSDWYNITFCPVDDTIIGPPGMQVEVLADSLHMRFLAPKIE 139
Qy 121 YETWTMKNVNSWTYNVQYWKNGTDEKFOITPOYDFEVLRLNLEPWTTCVQVGRFLPDRN 180
Db 140 YETWTMKNVNSWTYNVQYWKNGTDEKFOITPOYDFEVLRLNLEPWTTCVQVGRFLPDRN 199
Qy 181 KAGWSEPVCEQTHDETV 199
Db 200 KAGWSEPVCEQTHDETV 218

RESULT 3

US-08-943-087-58
; Sequence 58, Application US/08943087
; Patent No. 5945511
; GENERAL INFORMATION:
; APPLICANT: Lok, Si
; APPLICANT: Kno, Choon J.
; APPLICANT: Jelmsberg, Anna C.
; APPLICANT: Adams, Robyn L.
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Parrish, Theresa M.
; TITLE OF INVENTION: CYTOKINE RECEPTOR
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/943.087
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/803.305
; FILING DATE: 20-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Lunn, Paul G
; REGISTRATION NUMBER: 32,743
; REFERENCE/DOCKET NUMBER: 96-24C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6627
; TELEFAX: 206-442-6678
; TELEX:
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 221 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
US-08-943-087-58

Query Match 21.4%; Score 235.5; DB 2; Length 221;
Best Local Similarity 29.9%; Pred. No. 2e-17;
Matches 64; Conservative 34; Mismatches 93; Indels 23; Gaps 6;
Qy 2 VPPENVRMSVNFKNILQWESPAFAKGNLTFTAQYLSYR----IFQDKCNTTLTCD 56
Db 8 LPKPANITFLSINMKNVLTQWTPPEGLQGVKVTYQYFYIGKWLKSDCRNIRTYCD 67
Qy 57 FSSLSKYGDHT--LRVRAEFADEHSDWYNI--TFCPVDDTIIGPPGMQVEVLADSLHMRFL 113

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OM protein - protein search, using sw model

Run on: January 13, 2003, 15:28:46 ; Search time 6.07277 Seconds

(without alignments)
1359.147 Million cell updates/sec

Title: US-09-728-911-35

Perfect score: 1103
Sequence: 1 MPPPPNNVNRNNSVNFKNILQ.....NRAGSEWSEPCQTTHDETV 199

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 112892 seqs, 41476328 residues

Tr: number of hits satisfying chosen parameters: 112892

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database: SwissProt_40:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1103	100.0	325	1105_HUMAN	Q08334 homo sapien
2	854	77.4	349	1105_MOUSE	Q61190 mus musculu
3	221	20.0	560	INRI_BOVIN	Q04790 bos taurus
4	219.5	19.9	590	INRI_MOUSE	P33896 mus musculu
5	214	19.4	557	INRI_HUMAN	P17181 homo sapien
6	209	18.9	560	INRI_SHEEP	Q28589 ovie aries
7	175	15.9	337	INGS_HUMAN	P38484 homo sapien
8	128	11.6	292	TF_BOVIN	P30931 bos taurus
9	127.5	11.6	292	TF_MOUSE	P24055 oycctolagus
10	126	11.4	294	TF_MOUSE	P20352 mus musculu
11	126	11.4	489	INGR_HUMAN	P15260 homo sapien
12	119	10.8	489	TF_MOUSE	Q91108 cavia porce
13	114.5	10.4	295	110R_HUMAN	P13726 homo sapien
14	107.5	9.7	295	110R_HUMAN	P13726 homo sapien
15	105.5	9.6	295	TF_MOUSE	P42533 rattus norv
16	102.5	9.3	477	INGR_MOUSE	P15261 mus musculu
17	97.5	8.8	575	110R_MOUSE	Q92859 mus musculu
18	96.5	8.7	1461	NEOI_HUMAN	Q92859 mus musculu
19	95.5	8.7	316	RAM2_YEAST	P29703 saccharomyc
20	93.5	8.5	1377	NEOI_MOUSE	P97768 mus musculu
21	92.5	8.4	1493	NEOI_MOUSE	Q28992 oycctolagus
22	91.5	8.3	639	CA1C_MOUSE	P32927 homo sapien
23	91.5	8.3	639	CA1C_MOUSE	P32927 homo sapien
24	90.5	8.2	3163	CA1C_MOUSE	Q99715 mus musculu
25	90.5	8.2	3163	CA1C_MOUSE	Q99715 mus musculu
26	89.5	8.1	581	PRIR_SHEEP	Q65561 ovie aries
27	89.5	8.1	581	PRIR_SHEEP	Q65561 ovie aries
28	89.5	8.1	918	116B_HUMAN	P40189 homo sapien
29	88	8.0	976	EPB2_MOUSE	P29317 homo sapien
30	88	8.0	976	EPB2_MOUSE	Q03155 mus musculu
31	88	8.0	1109	CSAA_BACIF	Q93632 bacillus th
32	88	8.0	1443	NEOI_CHICK	Q90610 gallus gall
33	87	7.9	1122	TIE2_MOUSE	Q02858 mus musculu

34	86	7.8	837	1	GCSR_MOUSE	P40223 mus musculu
35	85	7.7	530	1	INR2_BOVIN	Q95141 bos taurus
36	85	7.7	789	1	AI2M_YEAST	P03876 saccharomyc
37	85	7.7	831	1	SAS3_YEAST	P34218 saccharomyc
38	85	7.7	1631	1	PPP1_DROME	P35992 drosophila
39	84.5	7.7	633	1	FUR4_YEAST	P05316 saccharomyc
40	84.5	7.7	839	1	LOX1_SOYEN	P08170 glycine max
41	84.5	7.7	984	1	EPB1_HUMAN	P54762 homo sapien
42	84.5	7.7	984	1	EPB1_RAT	P09759 rattus norv
43	84.5	7.7	1462	1	PTP6_DROME	P16620 drosophila
44	84	7.6	642	1	FLID_CAMJE	Q9phw6 campylobact
45	84	7.6	917	1	IL6B_MOUSE	Q00560 mus musculu

ALIGNMENTS

RESULT 1
ID 1105_HUMAN STANDARD; PRT; 325 AA.
AC Q08334;
DT 01-FEB-1995 (Rel. 31, Created)
DT 01-FEB-1995 (Rel. 31, Last sequence update)
DT 15-JUN-2002 (Rel. 41, Last annotation update)
DE Interleukin-10 receptor beta chain precursor (IL-10R-B) (IL-10R2)
DE (Cytokine receptor class-II CRF2-4).
GN IL10RB OR CRFB4.
OS Homo sapiens (Human).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
OX NCBI_Taxid=9606;
RN [1]
RP SEQUENCE FROM N.A.
RC TISSUE=Fetal brain;
RX MEDLINE=93300510; PubMed=8314576;
RA Lutfalla G., Gardiner K., Uze G.;
RT "A new member of the cytokine receptor gene family maps on chromosome
RT 21 at less than 35 kb from IFNAR."
RL Genomics 16:366-373(1993).
RN [2]
RP SEQUENCE FROM N.A.
RX MEDLINE=96054036; PubMed=7563119;
RA Lutfalla G., McIntus W.G., Antonarakis S.E., Uze G.;
RT "Structure of the human CRFB4 gene: comparison with its IFNAR
RT neighbor."
RL J. Mol. Evol. 41:338-344(1995).
RN [3]
RP CHARACTERIZATION.
RX MEDLINE=9745974; PubMed=9312047;
RA Kozenko S.V., Krause C.D., Izotova L.S., Pollack B.P., Wu W.,
RA Pestka S.;
RT "Identification and functional characterization of a second chain of
RT the interleukin-10 receptor complex."
RL EMBO J. 16:5894-5903(1997).
RN [4]
RP CHARACTERIZATION.
RX MEDLINE=20469498; PubMed=10875937;
RA Xie W.-H., Aggarwal S., Ho W.-H., Foster J., Zhang Z., Stinson J.,
RA Wood W.I., Gogard A.D., Gurney A.L.;
RT "Interleukin (IL)-22, a novel human cytokine that signals through the
RT interferon receptor-related proteins CRF2-4 and IL-22R."
RL J. Biol. Chem. 275:31335-31339(2000).
RN [5]
RP FUNCTION: RECEPTOR FOR IL-10 AND IL-22. SERVES AS AN ACCESSORY
RP CHAIN ESSENTIAL FOR THE ACTIVE IL-10 RECEPTOR COMPLEX AND TO
RP INITIATE IL-10-INDUCED SIGNAL TRANSDUCTION EVENTS.
CC -!- SUBCELLULAR LOCATION: Type I membrane protein.
CC -!- SIMILARITY: CONTAINS 2 FIBRONECTIN TYPE III-LIKE DOMAINS.
CC -!- SIMILARITY: BELONGS TO THE CLASS II CYTOKINE FAMILY OF RECEPTORS.
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 CC or send an email to license@isb-sib.ch).

CC EMBL; Z17227; CAA78933.1; -;
 DR EMBL; U08988; AAA86872.1; -;
 DR PIR; A47003; A47003.
 DR HSP; P13726; LTFH.
 DR Genew; HGNC:5965; IL10RB.
 DR MIM; 123889; -;
 DR InterPro; IPR000282; Cytok_receptor_2.
 DR InterPro; IPR001187; Tissue_factor.
 DR Pfam; PF01108; Tissue_fac; 1.
 KW Receptor; Transmembrane; Glycoprotein; Signal.
 FT SIGNAL 1 39
 FT CHAIN 20 325
 FT DOMAIN 20 220
 FT TRANSMEM 221 242
 FT DOMAIN 243 325
 FT DOMAIN 113 205
 FT DISULFID 66 74
 FT DISULFID 188 209
 FT CARBOHYD 49 49
 FT CARBOHYD 68 68
 FT CARBOHYD 102 102
 FT CARBOHYD 161 161
 FT CARBOHYD 124 124
 FT CONFLICT 269 273
 FT CONFLICT 274 325
 SQ SEQUENCE 325 AA; 37011 MW; 66706C79F8514B23 CRC64;

Query Match 100.0%; Score 1103; DB 1; Length 325;
 Best Local Similarity 100.0%; Pred. No. 2.7e-94;
 Matches 199; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MVPPPENVRMNSVNFKNILQWESPAPAFKGNLFTTAQYLSYRIFQDKCMNTTLTECDFSSL 60
 DB 20 MVPPPENVRMNSVNFKNILQWESPAPAFKGNLFTTAQYLSYRIFQDKCMNTTLTECDFSSL 79
 QY 61 SKYGDHTRLVRAEFADEHSDWNITFCPVDDTTIIGPPGMQVEVLADSLHMRFLAPKIENE 120
 DB 80 SKYGDHTRLVRAEFADEHSDWNITFCPVDDTTIIGPPGMQVEVLADSLHMRFLAPKIENE 139
 QY 121 YETWTMKNVNSWTYVQWKNGTDEKFOITPQYDFEVLRLNLEPWTTCVQVRGFLPDRN 180
 DB 140 YETWTMKNVNSWTYVQWKNGTDEKFOITPQYDFEVLRLNLEPWTTCVQVRGFLPDRN 199
 QY 181 KAGWSEPVCEQTHDET 199
 DB 200 KAGWSEPVCEQTHDET 218

RESULT 2
 ID IL10S MOUSE STANDARD; PRT; 349 AA.
 AC Q61130;
 DT 16-OCT-2001 (Rel. 40, Created)
 DT 16-OCT-2001 (Rel. 40, Last sequence update)
 DT 15-JUN-2002 (Rel. 41, Last annotation update)
 DE Interleukin-10 receptor beta chain precursor (IL-10R-B) (IL-10R2)
 DE (Cytokine receptor class-II CRF2-4).
 GN IL10RB OR CRF2-4.
 OS Mus musculus (Mouse).
 OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 OC Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 OX NCBI_TaxID=10090;
 RN [1]
 RP SEQUENCE FROM N.A.
 RA MEDLINE=97199375; PubMed=9047351;
 RX Gibbs V.C., Pennica D.;
 RT "CRF2-4: Isolation of cDNA clones encoding the human and mouse
 proteins.";
 RL Gene 186:97-101(1997).

BN CHARACTERIZATION.
 RP MEDLINE=98130620; PubMed=9463407;
 RA Spencer S.D., Di Marco F., Hooley J., Pitts-Meek S., Bauer M.,
 RA Ryan A.M., Sordat B., Gibbs V.C., Aguet M.;
 RT "The orphan receptor CRF2-4 is an essential subunit of the interleukin
 RT 10 receptor.";
 RL J. Exp. Med. 187:571-578(1998).
 CC -1- FUNCTION: RECEPTOR FOR IL-10 AND IL-22. SERVES AS AN ACCESSORY
 CC CHAIN ESSENTIAL FOR THE ACTIVE IL-10 RECEPTOR COMPLEX AND TO
 CC INITIATE IL-10-INDUCED SIGNAL TRANSDUCTION EVENTS.
 CC -1- SUBCELLULAR LOCATION: Type I membrane protein.
 CC -1- SIMILARITY: CONTAINS 2 FIBRONECTIN TYPE III-LIKE DOMAINS.
 CC -1- SIMILARITY: BELONGS TO THE CLASS II CYTOKINE FAMILY OF RECEPTORS.
 CC This SWISS-PROT entry is copyright. It is produced through a collaboration
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EMBL; U53696; AAC53062.1; -;
 MGD; MGI:103380; Il10rb.
 DR InterPro; IPR000282; Cytok_receptor_2.
 DR InterPro; IPR003961; FN_III.
 DR SMART; SM00060; FN3; 1.
 KW Receptor; Transmembrane; Glycoprotein; Signal.
 FT SIGNAL 1 19
 FT CHAIN 20 349
 FT DOMAIN 20 220
 FT TRANSMEM 221 241
 FT DOMAIN 242 349
 FT DOMAIN 113 205
 FT DISULFID 66 74
 FT DISULFID 188 209
 FT CARBOHYD 49 49
 FT CARBOHYD 102 102
 FT CARBOHYD 161 161
 FT CARBOHYD 199 199
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RESULT 3
 ID INR1 BOVIN STANDARD; PRT; 560 AA.
 AC Q04730;
 DT 01-OCT-1993 (Rel. 27, Created)
 DT 01-FEB-1994 (Rel. 28, Last sequence update)
 DT 01-NOV-1997 (Rel. 35, Last annotation update)
 DE Interferon-alpha/beta receptor alpha chain precursor (IFN-alpha-REC).
 GN IFNARI OR IFNAR.

GenCore version 5.1.3
Copyright (c) 1993 - 2003 Compugen Ltd.

OM protein - protein search, using sw model

Run on: January 13, 2003, 15:31:40 ; Search time 6.30634 Seconds

(without alignments)
612.211 Million cell updates/sec

Title: US-09-728-911-35

Perfect score: 1103

Sequence: 1 MVPPENVRMNSVNFKNILQ.....NKAGEWSEPCVCEQTHDETV 199

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 118974 seqs, 19401057 residues

T number of hits satisfying chosen parameters: 118974

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-Processing: Minimum Match 0%

Maximum Match 100%

Database : Published Applications AA:*

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14: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	1103	100.0	199	US-09-728-911-35	Sequence 35, Appl
2	1103	100.0	325	US-10-066-500-137	Sequence 137, App
3	1103	100.0	325	US-09-870-574-3	Sequence 3, Appl
4	1103	100.0	325	US-09-949-192-5	Sequence 5, Appl
5	1103	100.0	325	US-10-052-586-190	Sequence 390, App
6	263	22.3	47	US-09-864-761-37720	Sequence 37720, A
7	246	22.3	43	US-09-864-761-34075	Sequence 34075, A
8	229.5	20.8	217	US-09-746-359A-55	Sequence 55, Appl
9	229.5	20.8	221	US-09-746-359A-12	Sequence 12, Appl
10	229.5	20.8	542	US-10-028-072-188	Sequence 188, App
11	229.5	20.8	542	US-10-052-586-398	Sequence 398, App
12	229.5	20.8	547	US-09-746-359A-54	Sequence 54, Appl
13	229.5	20.8	553	US-09-746-359A-11	Sequence 11, Appl
14	229.5	20.8	553	US-09-949-192-7	Sequence 7, Appl
15	229.5	20.8	571	US-09-746-359A-53	Sequence 53, Appl
16	228.5	20.7	207	US-09-746-359A-65	Sequence 65, Appl
17	228.5	20.7	214	US-09-746-359A-62	Sequence 62, Appl
18	228.5	20.7	559	US-09-746-359A-62	Sequence 62, Appl
19	228.5	20.7	594	US-09-746-359A-23	Sequence 23, Appl

20	228	20.7	39	10	US-09-864-761-34095	Sequence 34095, A
21	215	19.5	575	10	US-09-925-300-1672	Sequence 1672, Ap
22	214	19.4	436	10	US-09-240-675-2	Sequence 2, Appl
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24	208	18.9	37	10	US-09-864-761-34076	Sequence 34076, A
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27	192.5	17.5	514	10	US-09-746-359A-39	Sequence 39, Appl
28	192.5	17.5	546	10	US-09-746-359A-37	Sequence 37, Appl
29	168.5	15.3	231	10	US-09-728-911-13	Sequence 13, Appl
30	168.5	15.3	231	10	US-09-728-911-2	Sequence 2, Appl
31	168.5	15.3	231	10	US-09-949-192-6	Sequence 6, Appl
32	162	14.7	307	10	US-09-746-359A-58	Sequence 58, Appl
33	162	14.7	336	10	US-09-746-359A-57	Sequence 57, Appl
34	158	14.3	308	9	US-09-912-672A-23	Sequence 23, Appl
35	155	14.1	201	9	US-09-912-672A-16	Sequence 16, Appl
36	155	14.1	201	10	US-09-746-359A-59	Sequence 59, Appl
37	155	14.1	203	10	US-09-746-359A-15	Sequence 15, Appl
38	155	14.1	282	9	US-09-912-672A-15	Sequence 15, Appl
39	155	14.1	311	9	US-09-978-295A-352	Sequence 352, App
40	155	14.1	311	9	US-09-992-598A-183	Sequence 183, App
41	155	14.1	311	9	US-09-912-672A-12	Sequence 12, App
42	155	14.1	311	9	US-09-978-597-352	Sequence 352, App
43	155	14.1	311	9	US-09-978-192A-352	Sequence 352, App
44	155	14.1	311	9	US-09-989-293A-183	Sequence 183, App
45	155	14.1	311	9	US-09-989-735-183	Sequence 183, App

ALIGNMENTS

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RESULT 1
US-09-728-911-35
Sequence 35, Application US/09728911
Patent No. US20020012669A1
GENERAL INFORMATION:
APPLICANT: Prenell, Scott R.
APPLICANT: Xu, Wenfeng
APPLICANT: Kindsvogel, Wayne
APPLICANT: Chen, Zhi
TITLE OF INVENTION: Human Cytokine Receptor
FILE REFERENCE: 99-93
CURRENT APPLICATION NUMBER: US/09/728, 911
CURRENT FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: US 60/169,049
PRIOR FILING DATE: 1999-12-03
PRIOR APPLICATION NUMBER: US 60/232,219
PRIOR FILING DATE: 2000-09-13
PRIOR APPLICATION NUMBER: US 60/244,610
PRIOR FILING DATE: 2000-10-31
NUMBER OF SEQ ID NOS: 36
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 35
LENGTH: 199
TYPE: PRT
ORGANISM: Homo sapiens
US-09-728-911-35

Query Match      100.0%; Score 1103; DB 10; Length 199;
Best Local Similarity 100.0%; Pred. No. 2.3e-101;
Matches 199; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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US-10-066-500-137
; Sequence 137, Application US/10066500
; Patent No. US20020177165A1
; GENERAL INFORMATION:
; APPLICANT: Avi J. Ashkenazi
; APPLICANT: Kevin P. Baker
; APPLICANT: David A. Botstein
; APPLICANT: Luc Desnoyers
; APPLICANT: Dan L. Eaton
; APPLICANT: Sherman Fong
; APPLICANT: Wei-Qiang Gao
; APPLICANT: Hanspeter Gerber
; APPLICANT: Mary E. Gerritsen
; APPLICANT: Audrey Goddard
; APPLICANT: Paul J. Godowski
; APPLICANT: Austin L. Gurney
; APPLICANT: Ivar J. Kijavini
; APPLICANT: Jennie P. Macher
; APPLICANT: Mary A. Napier
; APPLICANT: James Pan
; APPLICANT: Nicholas F. Paoni
; APPLICANT: Margaret Ann Roy
; APPLICANT: Timothy A. Stewart
; APPLICANT: Daniel Tumas
; APPLICANT: Colin K. Watanabe
; APPLICANT: P. Mickey Williams
; APPLICANT: William I. Wood
; APPLICANT: Zemin Zang
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3130R1C7
; CURRENT APPLICATION NUMBER: US/10/066,500
; CURRENT FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: 10/002,796
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059588
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; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062816
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; PRIOR FILING DATE: 1998-03-25

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; PRIOR APPLICATION NUMBER: 09/332928
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PRIOR FILING DATE: 1998-09-17
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PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: PCT/US98/25108
PRIOR FILING DATE: 1998-12-01
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PRIOR APPLICATION NUMBER: PCT/US99/12252
PRIOR FILING DATE: 1999-06-02
PRIOR APPLICATION NUMBER: PCT/US99/20111
PRIOR FILING DATE: 1999-09-01
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547

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DB 80 SKYGDHILRVARAEFADSHSDWVNITFCPVDDTIIGPPGMQVEVLADSLHMRFLAPKIENE 139
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DB 200 KAGWSEPVCEQTHDETV 218

RESULT 3

US-09-870-574-3
Sequence 3, Application US/09870574
Patent No. US2002010273A1
GENERAL INFORMATION:
APPLICANT: Gurney, Austin L.
APPLICANT: Aggarwal, Sudeeptra
APPLICANT: Xie, Ming-Hong
APPLICANT: Matuoka, Ellen M.
APPLICANT: Foster, Jessica S.
APPLICANT: Goddard, Audrey I.
TITLE OF INVENTION: INTERLEUKIN-22 POLYPEPTIDES, NUCLEIC ACIDS ENCODING
TITLE OF INVENTION: THE SAME AND METHODS FOR THE TREATMENT OF PANCREATIC DISORDERS
FILE REFERENCE: P2806-1(US)
CURRENT APPLICATION NUMBER: US/09/870,574
PRIOR FILING DATE: 2001-05-30
PRIOR APPLICATION NUMBER: US 60/169,495
PRIOR FILING DATE: 1999-12-07
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
NUMBER OF SEQ ID NOS: 7
SEQ ID NO 3
LENGTH: 325
TYPE: PRT
ORGANISM: Homo Sapien
US-09-870-574-3

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Matches 199; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 200 KAGWSEPVCEQTHDETV 218

RESULT 4

US-09-949-192-5
Sequence 5, Application US/09949192
Patent No. US20020142292A1
GENERAL INFORMATION:
APPLICANT: Parham, Christi L.
APPLICANT: Gorman, Daniel L.
APPLICANT: Kurata, Hirokazu
APPLICANT: Arai, Naoko
APPLICANT: Sana, Theodore R.
APPLICANT: Mattson, Jeanine D.

```
; APPLICANT: Murphy, Erin E.
; APPLICANT: Savkoor, Chetan
; APPLICANT: Grein, Jeffery
; APPLICANT: Smith, Kathleen M.
; APPLICANT: McCleanahan, Terrill K.
; TITLE OF INVENTION: MAMMALIAN GENES; RELATED REAGENTS AND METHODS
; FILE REFERENCE: DX01169K
; CURRENT APPLICATION NUMBER: US/09/949,192
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 60/231,267
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 325
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-949-192-5

Query Match          100.0%; Score 1103; DB 10; Length 325;
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Matches 199; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 61 SKYGDHILVRAEFADEHSDWNITFCPVDDTIIGPGMQVEVLADSLHMRFLAPKIENE 120
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QY 121 YETWTMKNVNSVYNVQVKNKGTDEKFOITPOYDFEVLRLNLEPWTTCVQVGRGFLPDRN 180
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QY 181 KAGEMSEPVCEQTHHDETIV 199
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Db 200 KAGEMSEPVCEQTHHDETIV 218
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RESULT 5
US-10-052-586-390
; Sequence 390, Application US/10052586
; Patent No. US20020127584A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430RIC1
; CURRENT APPLICATION NUMBER: US/10/052,586
; CURRENT FILING DATE: 2002-01-15
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059266
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063120
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063121
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063486
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PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089908

Query Match 100.0%; Score 1103; DB 12; Length 325;
Best Local Similarity 100.0%; Pred. No. 4, 1e-101;
Matches 199; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MPPPEYRNKNSVNPKNLQWESPAPAKNLTFTAOYLSYRIFODKCMNTLTTCDFSSL 60
DB 20 MPPPEYRNKNSVNPKNLQWESPAPAKNLTFTAOYLSYRIFODKCMNTLTTCDFSSL 79
QY 61 SKYGDHLRVAEFADESHDWNITFCPVDTIIGPGMVEVLADSLHMRFLAPRIENE 120
DB 80 SKYGDHLRVAEFADESHDWNITFCPVDTIIGPGMVEVLADSLHMRFLAPRIENE 139
QY 121 YETWTMKVNVSWTYNVQYMKNGTDEKQITTPQYDFEVLNLEPMTTTCVQVGFIPDEN 180
DB 140 YETWTMKVNVSWTYNVQYMKNGTDEKQITTPQYDFEVLNLEPMTTTCVQVGFIPDEN 199
QY 181 KAGWSEPVCEOTTHDETV 199
DB 200 KAGWSEPVCEOTTHDETV 218

RESULT 6
US-09-864-761-37720
Sequence 37720, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecm1ca-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 37720
LENGTH: 47
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AP00044.1
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 0.87
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.99
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.75
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.88
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 1.2
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.79
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.97
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 0.82
OTHER INFORMATION: SWISSPROT HIT: Q08334, EVALUE 4.00e-24
OTHER INFORMATION: EST_HUMAN HIT: BE27292.1, EVALUE 4.00e-23
US-09-864-761-37720

Query Match 23.8%; Score 263; DB 10; Length 47;
Best Local Similarity 100.0%; Pred. No. 1.5e-19;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 101 VEVLDLSLHMRFLAPKIENEYETWTMKVNSWTYNVQYKNGTDEK 147
DB 1 VEVLDLSLHMRFLAPKIENEYETWTMKVNSWTYNVQYKNGTDEK 47

RESULT 7
US-09-864-761-34075
Sequence 34075, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecmica-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
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PRIOR APPLICATION NUMBER: US 09/632,366
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PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
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ORGANISM: Homo sapiens
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OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.6
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.4
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.5
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.92
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OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.5
OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 2.4
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 1.7
OTHER INFORMATION: EST_HUMAN HIT: AA352477.1, EVALUE 5.00e-21
OTHER INFORMATION: SWISSPROT HIT: Q08334, EVALUE 4.00e-22
US-09-864-761-34075

Query Match 22.3%; Score 246; DB 10; Length 43;
Best Local Similarity 100.0%; Pred. No. 6.3e-18;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 105 ADSLHMRFLAPKIENEYETWTMKVNSWTYNVQYKNGTDEK 147
DB 1 ADSLHMRFLAPKIENEYETWTMKVNSWTYNVQYKNGTDEK 43

RESULT 8
US-09-746-359A-55
Sequence 55, Application US/09746359A
Patent No. US20020042366A1
GENERAL INFORMATION:
APPLICANT: Thompson, Penny
APPLICANT: Foster, Donald C.
APPLICANT: Xu, Wensheng
APPLICANT: Madden, Karen L.
APPLICANT: Kelly, James D.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Blumberg, Hal

RESULT 9 US-09-746-359A-12
 Sequence 12, Application US/09746359A
 Patent No. US20020042366A1
 GENERAL INFORMATION:
 APPLICANT: Thompson, Penny
 APPLICANT: Foster, Donald C.
 APPLICANT: Xu, Wenfeng
 APPLICANT: Madden, Karen L.
 APPLICANT: Kelly, James D.
 APPLICANT: Sprecher, Cindy A.
 APPLICANT: Blumberg, Hal
 APPLICANT: Eagan, Maribeth A.
 APPLICANT: Jaspers, Stephen R.
 APPLICANT: Chandrasekhar, Yasmin A.
 APPLICANT: NO. US20020042366A1ak, Julie E.
 TITLE OF INVENTION: Method for treating inflammation
 FILE REFERENCE: 99-108
 CURRENT APPLICATION NUMBER: US/09/746,359A
 CURRENT FILING DATE: 2001-05-21
 PRIOR APPLICATION NUMBER: 60/171,969
 PRIOR FILING DATE: 1999-12-23
 PRIOR APPLICATION NUMBER: 60/213,341
 PRIOR FILING DATE: 2000-06-22
 NUMBER OF SEQ ID NOS: 72
 SOFTWARE: FastSeq for Windows Version 3.0
 SEQ ID NO 12
 LENGTH: 221
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-746-359A-12

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1  APPLICANT: Wood,William
2  APPLICANT: Zhang
3  TITLE OR INVENTION:
4  FILE REFERENCE:
5  CURRENT APPLICATION NUMBER: US/10/028.072
6  CURRENT FILING DATE: 2001-12-19
7  PRIOR APPLICATION NUMBER: 60/049911
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32 PRIOR FILING DATE: 1997-10-17

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60/073612	PRIOR FILING DATE: 1998-01-23
60/073612	PRIOR APPLICATION NUMBER: 60/073612
60/074086	PRIOR FILING DATE: 1998-02-04
60/074086	PRIOR APPLICATION NUMBER: 60/074086
60/074092	PRIOR FILING DATE: 1998-02-09
60/074092	PRIOR APPLICATION NUMBER: 60/074092
60/077791	PRIOR FILING DATE: 1998-02-09
60/077791	PRIOR APPLICATION NUMBER: 60/077791
60/078910	PRIOR FILING DATE: 1998-03-12
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60/079663	PRIOR FILING DATE: 1998-03-25
60/079663	PRIOR APPLICATION NUMBER: 60/079663
60/079728	PRIOR FILING DATE: 1998-02-27
60/079728	PRIOR APPLICATION NUMBER: 60/079728
60/080165	PRIOR FILING DATE: 1998-03-27
60/080165	PRIOR APPLICATION NUMBER: 60/080165

PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07

Query Match 20.8%; Score 229.5; DB 9; Length 542;
Best Local Similarity 29.0%; Pred. No. 6, 1e-15;
Matches 62; Conservative 36; Mismatches 93; Indels 23; Gaps 6;

2 VPPEVYVMSVNFKNLWESPAFKG-NLTFATYLSYR-----IFQKCNWTLTEED 56
26 LPRKATTFISIMKKNVLTWTPGGLGVVYTVVQIFYGQKWLKSECRNINFTYCD 85

QY 57 FSSLSKYGDHT--LRVAFPADEHSDWVNI--TFCPYDDITIGPGVQVVLADSLHREFL 113
DB 86 LSAETSYEHQYAKVKAIWGTGKSKWABSGRFYFLEITQIGPFAVLTDEKSTISVLT 145

QY 114 APKRENEYEVW-----TMKNVNSMTYNNQYKMGTEDEKQITPGYDEVLNLEP 164
DB 146 AP-----EKKNPDELPIVSMQIYSNLKYNVSVLNTKSNRTWSQCVTNHTLVLTWLEP 199

QY 165 WTYCYOVGRGFLPDRNKAGSEVPCQTHDET 198
DB 200 NTLYCVHSEFVPGPPRAQSEKQCARILKQDS 233

RESULT 11
US-10-052-586-398
Sequence 398, Application US/10052586
Patent No. US20020127584A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3430R1C1
CURRENT APPLICATION NUMBER: US/10/052, 586
CURRENT FILING DATE: 2002-01-15
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059266
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
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PRIOR FILING DATE: 1997-11-13
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PRIOR FILING DATE: 1998-04-09
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PRIOR FILING DATE: 1998-04-22
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; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088863
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; PRIOR APPLICATION NUMBER: 60/088876
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; PRIOR APPLICATION NUMBER: 60/089090
; PRIOR FILING DATE: 1998-06-12
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; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16

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; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089908

Query Match      20.8%; Score 229.5; DB 12; Length 542;
Best Local Similarity 29.0%; Pred. No. 6.1e-15;
Matches 62; Conservative 36; Mismatches 93; Indels 23; Gaps 6;

QY 2 VPPPENVRMNSVNFKNILQWESPAFAGK-NLTFTAQYLSYR-----IFQDKCMNTTLTSCD 56
DB 26 LKPKANITFLSINMKNVLQWTPPEGLQGVKVTYTVQYFYQKKWLKSECRNINRTYCD 85
QY 57 FSSLSKYGDHT--LRVRAEFADEHSDWVNI-TFCPVDDTIIGPPGMQVEVLADSLHMRFL 113
DB 86 LSAETSDYEHQYVAKAINGTKCSKWAESGRFYFLEQTQIGPPEVALTTDEKSIISVLT 145
QY 114 APKIENEYETW-----TMKNVNSWNTVNVQVWKGTDKFKQITPYDYDFEVLRLNEP 164
DB 146 AP-----EKWKRNPEDLPVSMQIYVSNLKNVSVLNTKSNRTWSQCVTNHTLVLTWLEP 199
QY 165 WTYCVQVRGFLPDRNKAGENSEPVCEQTHDET 198
DB 200 NTLVYCVHVESFVGPFPRAQSEKQCARLTKDQS 233

RESULT 12
US-09-746-359A-54
; Sequence 54, Application US/09746359A
; Patent No. US20020042366A1
; GENERAL INFORMATION:
; APPLICANT: Thompson, Penny
; APPLICANT: Foster, Donald C.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Madden, Karen L.
; APPLICANT: Kelly, James D.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Blumberg, Hal
; APPLICANT: Eagan, Maribeth A.
; APPLICANT: Jaspers, Stephen R.
; APPLICANT: Chandrasekher, Yasmin A.
; APPLICANT: No. US20020042366A1ak, Julia B.
; TITLE OF INVENTION: Method for Treating Inflammation
; FILE REFERENCE: 99-108
; CURRENT APPLICATION NUMBER: US/09/746,359A
; CURRENT FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/171,969
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: 60/213,341
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 54
; LENGTH: 547
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-746-359A-54

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Query Match      20.8%; Score 229.5; DB 10; Length 547;
Best Local Similarity 29.0%; Pred. No. 6.1e-15;
Matches 62; Conservative 36; Mismatches 93; Indels 23; Gaps 6;

QY 2 VPPPENVRMNSVNFKNILQWESPAFAGK-NLTFTAQYLSYR-----IFQDKCMNTTLTSCD 56
DB 8 LKPKANITFLSINMKNVLQWTPPEGLQGVKVTYTVQYFYQKKWLKSECRNINRTYCD 67
QY 57 FSSLSKYGDHT--LRVRAEFADEHSDWVNI-TFCPVDDTIIGPPGMQVEVLADSLHMRFL 113

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Db 68 LSAETSDYEHQYAKVKAIMGTCKSKWAESGRFPFLETQIGPEVALTTDEKSIIVLT 127
Qy 114 APKIEHEVETW-----TMKNVNSMTYVNVQYWKNGTDEKFOITPOYDFEVLNLEP 164
Db 128 AP-----EKWKRPEDLPVSMQOITYSNLKYNVSLNTKSNRTMSQCVNHTLVLTLWLEP 181
Qy 165 WTTYCVQVRGFLPDRNKAGWSEPVCEQTHDET 198
Db 182 NTLICVHVESFVGPERRAQPSEKOCARTLKQDS 215

RESULT 13

US-09-746-359A-11
Sequence 11, Application US/09746359A
Patent No. US20020042366A1
GENERAL INFORMATION:
APPLICANT: Thompson, Penny
APPLICANT: Foster, Donald C.
APPLICANT: Xu, Wenfeng
APPLICANT: Madden, Karen L.
APPLICANT: Kelly, James D.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Blumberg, Hal
APPLICANT: Bagau, Maribeth A.
APPLICANT: Jaspers, Stephen R.
APPLICANT: Chandrasekhar, Yasmin A.
TITLE OF INVENTION: Method for treating inflammation
FILE REFERENCE: 99-108
CURRENT APPLICATION NUMBER: US/09/746,359A
CURRENT FILING DATE: 2001-05-21
PRIOR APPLICATION NUMBER: 60/171,969
PRIOR FILING DATE: 1999-12-23
PRIOR APPLICATION NUMBER: 60/213,341
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 72
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 11
LENGTH: 553
TYPE: PRT
ORGANISM: Homo sapiens
US-09-746-359A-11

Query Match 20.8%; Score 229.5; DB 10; Length 553;
Best Local Similarity 29.0%; Pred. No. 6,2e-15;
Matches 62; Conservative 36; Mismatches 93; Indels 23; Gaps 6;

Qy 2 VPPENVNMSVNFKNIIQWESPAPAKG-NLFTTAQYLSYR---IFQDKCNTLTTECD 56
Db 37 LKRPANITFLSINMKNVUQWTPREGLOGVAVTYVQYFIQOKWLNKSECRNINRTYCD 96
Qy 57 FSSLKRYGDHT-LRVRAFADEHSDWNI-TFCVDDTIIIGPGMOVEVLADSLHMRFL 113
Db 97 LSAETSDYEHQYAKVKAIMGTCKSKWAESGRFPFLETQIGPEVALTTDEKSIIVLT 156
Qy 114 APKIEHEVETW-----TMKNVNSMTYVNVQYWKNGTDEKFOITPOYDFEVLNLEP 164
Db 157 AP-----EKWKRPEDLPVSMQOITYSNLKYNVSLNTKSNRTMSQCVNHTLVLTLWLEP 210
Qy 165 WTTYCVQVRGFLPDRNKAGWSEPVCEQTHDET 198
Db 211 NTLICVHVESFVGPERRAQPSEKOCARTLKQDS 244

RESULT 14

US-09-949-192-7
Sequence 7, Application US/09949192
Patent No. US20020142292A1
GENERAL INFORMATION:
APPLICANT: Parham, Christi L.
APPLICANT: Gorman, Daniel L.
APPLICANT: Kurata, Hirokazu
APPLICANT: Arai, Naoko

APPLICANT: Sana, Theodore R.
APPLICANT: Mattson, Jeanne D.
APPLICANT: Murphy, Erin E.
APPLICANT: Savkoor, Chetan
APPLICANT: Smith, Jeffery
APPLICANT: Grein, Kathleen M.
APPLICANT: McClanahan, Terill K.
TITLE OF INVENTION: MAMMALIAN GENES, RELATED REAGENTS AND METHODS
FILE REFERENCE: DX01169K
CURRENT APPLICATION NUMBER: US/09/949,192
CURRENT FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: 60/231,267
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 53
SOFTWARE: PatentIn version 3.1
SEQ ID NO 7
LENGTH: 553
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: MISC FEATURE
LOCATION: (522)..
OTHER INFORMATION: unknown amino
US-09-949-192-7

Query Match 20.8%; Score 229.5; DB 10; Length 553;
Best Local Similarity 29.0%; Pred. No. 6,2e-15;
Matches 62; Conservative 36; Mismatches 93; Indels 23; Gaps 6;

Qy 2 VPPENVNMSVNFKNIIQWESPAPAKG-NLFTTAQYLSYR---IFQDKCNTLTTECD 56
Db 37 LKRPANITFLSINMKNVUQWTPREGLOGVAVTYVQYFIQOKWLNKSECRNINRTYCD 96
Qy 57 FSSLKRYGDHT-LRVRAFADEHSDWNI-TFCVDDTIIIGPGMOVEVLADSLHMRFL 113
Db 97 LSAETSDYEHQYAKVKAIMGTCKSKWAESGRFPFLETQIGPEVALTTDEKSIIVLT 156
Qy 114 APKIEHEVETW-----TMKNVNSMTYVNVQYWKNGTDEKFOITPOYDFEVLNLEP 164
Db 157 AP-----EKWKRPEDLPVSMQOITYSNLKYNVSLNTKSNRTMSQCVNHTLVLTLWLEP 210
Qy 165 WTTYCVQVRGFLPDRNKAGWSEPVCEQTHDET 198
Db 211 NTLICVHVESFVGPERRAQPSEKOCARTLKQDS 244

RESULT 15

US-09-746-359A-53
Sequence 53, Application US/09746359A
Patent No. US20020042366A1
GENERAL INFORMATION:
APPLICANT: Thompson, Penny
APPLICANT: Foster, Donald C.
APPLICANT: Xu, Wenfeng
APPLICANT: Madden, Karen L.
APPLICANT: Kelly, James D.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Blumberg, Hal
APPLICANT: Bagau, Maribeth A.
APPLICANT: Jaspers, Stephen R.
APPLICANT: Chandrasekhar, Yasmin A.
TITLE OF INVENTION: Method for Treating Inflammation
FILE REFERENCE: 99-108
CURRENT APPLICATION NUMBER: US/09/746,359A
CURRENT FILING DATE: 2001-05-21
PRIOR APPLICATION NUMBER: 60/171,969
PRIOR FILING DATE: 1999-12-23
PRIOR APPLICATION NUMBER: 60/213,341
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 72
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 53

; LENGTH: 571
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-746-359A-53

Query Match 20.8%; Score 229.5; DB 10; Length 571;
 Best Local Similarity 29.0%; Pred. No. 6.5e-15;
 Matches 62; Conservative 36; Mismatches 93; Indels 23; Gaps 6;

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QY	57	FSSLSKYGDHT--LRVRAEFADSHSDWNI--TFCPVDDTIIGPEGMQVEVLADSLHMRFL	113	
Db	92	LSAETSDYEHQYAKVKAINGTKCSKWAESGRFYFFLETTQIGPPEVALTTDEKSIISVLT	151	
QY	114	APKIENEYETW-----TMKNVYNSWTYNVQVWKNNGTDEKFOITPQYDPEVLRNLEP	164	
Db	152	AP-----EKWKRNPEDLPVSMQOIYSNLKYNVSVLNTKSNRTWSQCQVTHLVLTLWLEP	205	
QY	165	WTTYCVQVVRGFLPDRNKAGENSEPVCQTHDET	198	
Db	206	NTLYCVHVESFVGPFRRAQPSKQCARLTKDQS	239	

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